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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|-----------------------------------------------------------------------------------------|------------------------|------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/982,953-Conf. #8778 |
| | Filing Date | October 22, 2001 |
| | First Named Inventor | Allen McTeer |
| | Art Unit | 2812 |
| | Examiner Name | J. M. Kennedy |
| Total Number of Pages in This Submission | Attorney Docket Number | M4065.0247/P247-A |

| ENCLOSURES (Check all that apply) | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--------------------------------------------|----------------------------------------|----------|--------|
| Firm Name | DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP | | |
| Signature | | | |
| Printed name | Thomas J. D'Amico | | |
| Date | April 26, 2006 | Reg. No. | 28,371 |

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|------------------------|
| <p>Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.</p> <p>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <p>FREE TRANSMITTAL For FY 2006</p> <p>APR 26 2006</p> <p>PATENT AND TRADEMARK OFFICE</p> | | Complete if Known | |
| | | Application Number | 09/982,953-Conf. #8778 |
| | | Filing Date | October 22, 2001 |
| | | First Named Inventor | Allen McTeer |
| | | Examiner Name | J. M. Kennedy |
| | | Art Unit | 2812 |
| <p>Small entity status. See 37 CFR 1.27</p> | | Attorney Docket No. | M4065.0247/P247-A |
| TOTAL AMOUNT OF PAYMENT | | (\$) | 400.00 |

METHOD OF PAYMENT (check all that apply)

☐ Check
 ☒ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☐ Deposit Account
 Deposit Account Number: 04-1073
 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17
 ☒ Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|----------------------------------------------------|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| | | | | | | |
|------------------------------------------------------------------------|---------------------|-----------------|----------------------|----------------------------------|-----------------|----------------------|
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| 18 | - 20 = | x | = | | | |
| HP = highest number of total claims paid for, if greater than 20. | | | | | | |
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | |
| 5 | - 3 = | 2 | x 200.00 = | 400.00 | | |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | | |

3. APPLICATION SIZE FEE

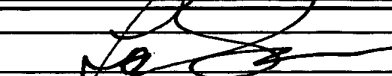
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| | | | | |
|---------------------|---------------------|---------------------------------------------------------|--------------------------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| | - 100 = | /50 | (round up to a whole number) x | = |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

| | | | |
|---------------------|-------------------------------------------------------------------------------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature |  | Registration No. (Attorney/Agent) | 28,371 |
| Name (Print/Type) | Thomas J. D'Amico | Telephone | (202) 828-2232 |
| | | Date | April 26, 2006 |

**AMENDMENT TRANSMITTAL LETTER**Docket No.
M4065.0247/P247-AApplication No.
09/982,953-Conf. #8778Filing Date
October 22, 2001Examiner
J. M. KennedyArt Unit
2812

Applicant(s): Allen McTeer

Invention: METHOD OF FORMING AN INTERCONNECT STRUCTURE FOR A SEMICONDUCTOR DEVICE

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

| CLAIMS AS AMENDED | | | | | |
|--------------------------------------------------------------------------|----------------------------------|--------------------------------|-----------------------------|----------|---------------|
| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | |
| Total Claims | 18 | - 20 = | | x | |
| Independent Claims | 5 | - 3 = | 2 | x 200.00 | 400.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | |
| Other fee (please specify): | | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: | | | | | 400.00 |

☒ Large Entity☐ Small Entity☐ No additional fee is required for this amendment.☐ Please charge Deposit Account No. 04-1073 in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1073 as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.
Thomas J. D'Amico
Attorney/Agent Reg. No.: 28,371Dated: April 26, 2006DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP
2101 L Street NW
Washington, DC 20037-1526
(202) 828-2232



Docket No.: M4065.0247/P247-A
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Allen McTeer

Application No.: 09/982,953

Confirmation No.: 8778

Filed: October 22, 2001

Art Unit: 2812

For: METHOD OF FORMING AN
INTERCONNECT STRUCTURE FOR A
SEMICONDUCTOR DEVICE

Examiner: J. M. Kennedy

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated January 26, 2006, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.

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